

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

VICTORIO CHAVARRIA

HP Docket No. 200207758-1

Serial No. : 10/751,710

Examiner T. Ho

Filed : January 5, 2004

Group Art Unit 2818

For : INTEGRATED FUSE FOR MULTILAYERED STRUCTURE

Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

DECLARATION UNDER § 1.131

I declare as follows:

1. I am the inventor who, on January 5, 2004, filed the above-identified application. At the time of such invention, I was an employee of Hewlett-Packard Development Company, L.P.

2. Prior to June 3, 2003, the effective date of the application from which U.S. Patent Application Publication No. 2004/0085405 was published, I conceived my invention, and reduced my invention to actual practice, as demonstrated by the HP Invention Disclosure 200207758, which is attached to this declaration as Exhibit 1. As indicated, HP Invention Disclosure 200207758 was completed at least as early as August 6, 2002. As also indicated, an apparatus embodying my invention was actually built at least as early as January 15, 2001. Both conception of my invention and actual reduction to practice thus were completed prior to June 3, 2003, the effective date of U.S. Patent Application Publication No. 2004/0085405.

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3. Exhibit 1 demonstrates my conception of an apparatus including: a substrate, a thermal isolation layer adjoining the substrate, a first dielectric layer adjoining the thermal isolation layer, a metal layer adjoining the first dielectric layer, a fuse disposed in the first dielectric layer and electrically coupled to the metal layer, a second dielectric layer adjoining the metal layer, and a fluid barrier layer adjoining the second dielectric layer.

4. All acts set forth herein and/or relied upon for the purpose of establishing invention prior to June 3, 2003 were carried out in the United States.

5. I declare that all statements made herein of my knowledge are true and all statements made on information and belief are believed to be true. These statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under § 1001 of Title 18 of the United States Code. We understand that such willful false statements may jeopardize the validity of the application or any patent issuing therefrom.

Date: April 8, 2005

Victorio Chavarria
Victorio Chavarria